**Quiz 14 Review Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per\_\_\_\_**

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| **Example 1:**  In the figure below, which of the following congruencies must be true?    a)  b)  c)  d)  e) | **Practice 1:**  Which of the following must be true of the figure below?  a)  b)  c)  d)  e) |
| **Example 2:**  In shown below, and What is the measure of?  K  M  L | **Practice 2:**  In shown below, and What is the measure of?  K  M  L |
| **Example 3:**  In the triangle shown below, what is the value of x?  x 12 ft    30  12 ft | **Practice 3:**  In the triangle shown below, what is the value of x?      98    **x** |
| **Example 4:**  Find the value of x and y. | **Practice 4:**  Find the value of x and y. |
| **Example 5:**  Find the value of x and y. | **Practice 5:**  Find the value of x and y. |
| **1) GIVEN**:  bisects    **PROVE:** Δ*ADC* is isosceles. | |

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| **2)** **Given:** BA DC,  **Prove:** BC DA |
| **3)** **Given:** BA BE,  **Prove:** DA CE |
| **4) Given:** TUS VUS, STU SVU  **Prove:** TS VS |
| **5) Given:** AB CD, AD CB  **Prove:** BAD DCB |
| **6) GIVEN:** ,  **PROVE:** |